

PRIVATE HIGHER EDUCATIONAL INSTITUTION
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"
Department of Surgical Diseases with the course of Obstetrics and
Gynecology and the course of Pediatrics and Children's Infectious Diseases

SYLLABUS
EDUCATIONAL DISCIPLINE

" OPHTHALMOLOGY "

LEVEL OF HIGHER EDUCATION Second (master's) level

DEGREE OF HIGHER EDUCATION Master

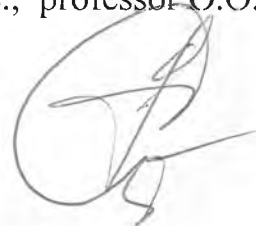
FIELD OF KNOWLEDGE 22 Healthcare

SPECIALTY 221 Dentistry

Considered and approved at the meeting of the
Department of Surgical Diseases with the course of Obstetrics and Gynecology
and the course of Pediatrics and Children's Infectious Diseases

Protocol № 1 from "01" September 2020

Doc.Med.Sc., professor O.O. Goncharuk



Kyiv 2020

1. general information	
Subjects	ophthalmology
Teacher (s)	Mischiuk A. O.
Teacher's contact phone number	+38(063)075- 06-84
Teacher's e-mail	anutamischuk@gmail.com
Discipline format	Normative discipline
The scope of discipline	45
Link to the distance learning site	
Consultations	During the semesters in accordance with graphics
2. Discipline abstract	
<p>The subject of studying discipline is: ophthalmology - a branch of medical knowledge, science of vision, disease of the body of vision and its appendages, methods of diagnosis, treatment of eye pathology. Ophthalmology - Clinical discipline, which studies anatomy, physiology and pathology of the body of vision and auxiliary apparatus of the eye. The importance and necessity of its teaching at the final stage of preparation of a fragment is due to the fact that the disease of the organ of vision stands on one of the first places among the human beings and make up about 20% of all appeals to medical institutions. Eye diseases lead to early disability or to restrict in the choice of profession, so it is possible to say that the ophthalmologist may be among the first doctors in health care.</p>	
3. The purpose and objectives of the discipline	
<i>The purpose of studying the discipline "ophthalmology":</i>	
<p>The purpose of teaching discipline is mastering ethical-deontological age anatomy, physiology of the body of vision, etiology, pathogenesis of diseases, classifications, features of the clinical picture, mastering students of necessary knowledge and skills, actions, target tasks, skills that meet the end goals of studying the discipline in accordance with EPP.</p>	
<i>The objectives of studying the discipline "ophthalmology":</i>	
<p>The main tasks of studying the discipline "Ophthalmology" are the prohibition of theoretical foundations of ophthalmology as science (terminology, methods of research, general clinical symptoms of basic eye diseases, principles of diagnosis and treatment, disease prevention) and working out practical research skills, of methods of emergency assistance.</p>	
4. Learning outcomes (competencies)	
As a result of studying the discipline "ophthalmology"	
KNOW:	
<ul style="list-style-type: none"> • General issues of organization of ophthalmic assistance; • Causes of Pathological Processes; • features of clinical symptoms of basic diseases of the body of vision; • Emergency Tactics and Modern Principles of Treatment of Patients with Different Pathology. 	
• BE ABLE TO:	
<ul style="list-style-type: none"> • put a preliminary diagnosis of common eye diseases and damage; • provide first medical care; • decide on the next medical aid; • illuminate the connection of the pathological process in the patient with a disease of vision, and to determine and provide medicinal proposals; 	
5. Organization of the study of the discipline	
<i>The volume of the course</i>	
Type of lesson	Total number of hours 45
Lectures	10

Seminars		20				
Independent work		15				
<i>Signs of the course</i>						
Semester	Specialty	Course (year of study)	Normative / selective			
8	221 Dentistry	4	Normative			
<i>Course topics</i>						
Theme, plan		Form of employment	literature	Tasks, hours	Estimation weight	Deadline
<i>Mint Module1. Clinical anatomy, physiology, research methods. Refraction, accommodation.</i>						
Topic 1. Anatomical-topographical features of the organ of vision. Functions of the organ of vision.		lecture	1- 9, 15	2 hours	6,7	According to the schedule
Topic 2. Refraction and accommodation.		practical	1- 9, 12, 13	2 hours	6,7	According to the schedule
<i>Content module 2. Diseases of the anterior departments of the eye, conjunctiva, cornea</i>						
Topic 3. The disease of the eyelids, tear orbits, orbits.		practical	1-9	2 hours	6,7	According to the schedule
Topic 4. Disease of conjunctiva.		practical	1-9, 14,15	2 hours	6,7	According to the schedule
Topic 5. The corneal disease.		practical	1- 9, 11	2 hours	6,7	According to the schedule
<i>Content module 3. Disease of the vascular membrane. Pathology of the lens. Glaucoma</i>						
Topic 6. Disease of the vascular shell.		practical	1-9,12,13	2 hours	6,7	According to the schedule
Topic 7. Disease of the lens		practical	1- 9, 10	2 hours	6,7	According to the schedule
Topic 8. Glaucoma.		practical	1- 9, 12	1 hour	6,7	According to the schedule
<i>Content module 4. Damage to the organ of vision, urgent conditions in ophthalmology</i>						
Topic 9. Injury to the organ of vision. Emergency aid.		practical	1- 9,10	2 hours	6,7	According to the schedule
Topic 10. Dull injuries to the body of vision, burns		practical	1-9, 13	1 hour	6,7	According to the schedule
Topic 11. Emergency conditions in ophthalmology (acute		practical	12,13	2 hours	6,7	According to the

obstruction of the central vein of the retina and its branches, the center of the central artery of the retina, detachment of the retina) .Mines of the organ of vision in general diseases.					schedule
Diff. test	practical		80	6,7	According to the schedule

6. Course evaluation system

General course evaluation system

Current control is based on the control of theoretical knowledge, skills and abilities in practical classes. The student's independent work is assessed in practical classes and is part of the final assessment of the student. Current control is carried out during classes and aims to verify the assimilation of students' learning material. Forms of current control are:

- a) test tasks with the choice of one correct answer, with the definition of the correct sequence of actions, with the definition of compliance;
- b) individual oral examination, interview;
- c) solving typical situational problems;
- d) control of practical skills;

e) solving typical tasks of diagnosis, medical care, medical evacuation, treatment and prevention.

Grades in the national scale ("excellent" - 5, "good" - 4, "satisfactory" - 3, "unsatisfactory" - 2), received by students, are displayed in the journals of attendance and academic group performance.

Final control of learning success is carried out in the form of diff. credit (oral and test tasks).

The maximum number of points that a student can score for current educational activities for admission to the PC is 120 points.

The minimum number of points that a student must score for the current academic activity for admission to the exam is 72 points. The calculation of the number of points is based on the grades obtained by the student on the traditional (national) scale during the study of the discipline during the semester, by calculating the arithmetic mean (CA), rounded to two decimal places.

Assessment of students' independent work. Students' independent work, which is provided by the topic of the lesson along with the classroom work, is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is checked during the final module control.

Table 1. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with an exam (differentiated credit))

4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale	4-6point scale	120-point
5	120	4,45	107	3,91	94	3,37	81
4,95	119	4,41	106	3,87	93	3,33	80
4,91	118	4,37	105	3,83	92	3,29	79
4,87	117	4,33	104	3,79	91	3,25	78
4,83	116	4,29	103	3,74	90	3,2	77
4,79	115	4,25	102	3,7	89	3,16	76
4,75	114	4,2	101	3,66	88	3,12	75
4,7	113	4,16	100	3,62	87	3,08	74
4,66	112	4,12	99	3,58	86	3,04	73
4,62	111	4,08	98	3,54	85	3	72
4,58	110	4,04	97	3,49	84	Less 3	Not enough
4,54	109	3,99	96	3,45	83		
4,5	108	3,95	95	3,41	82		

The maximum number of points that a student can score during the final control of the student's acquisition of knowledge is 80 points.

Table 2. Scale of assessment of differentiated (exam) credit:	
	National scale
	Score scale
	«5»
	«4»
	«3»
	70-80
	60-69
	50-59
	<p>Assessment of the final control is considered credited if the student scored at least 60% of the maximum amount of points (for a 200-point scale - at least 50 points).</p> <p>The final number of points that the student scored in the discipline is defined as the sum of points for the current educational activity (Table 1) and for the final control (differentiated credit) (Table 2).</p>
Requirements for final test control	<p>The final test control is credited to the student if he demonstrates the possession of practical skills and scored at least 50 points in the test control of theoretical training.</p> <p>The maximum number of points for the final control of the student (differential test) - 80 points.</p> <p>Criteria for assessing students for final control are carried out according to the scheme:</p> <p>"2" - 0-49 points; "3" - 50-60 points; "4" - 61-70 points "5" - 71 - 80 points</p> <p>Assessment of the final test task is carried out by dividing the maximum score of the final control - 80 - by the number of test questions in the variant and multiplied by the number of correct test answers of the student.</p>
Practical training	Module 1
Classroom work (Content module 1)	
T 1-11	Amount - 200 (The maximum number of points that a student can score for the current educational activity, the minimum is 120 points).
Control work	0
Test	20
Working in pairs	30
Abstract	50
Conditions of admission to the final control	Semester control is provided in the form of credit. Provides a final grade on a 200-point scale as the sum of grades for the current control of knowledge (oral examination, tests, examination of abstracts), the results of the content module.
7. The policy of studying the discipline	
<p>The organization of the educational process is carried out with the use of the European Credit Transfer System (ECTS) to assess student performance. The points gained in the current survey, independent work and points of the final control are credited. This must take into account the student's presence in class and his activity during practical work. Inadmissible: absences and late classes; use of a mobile phone, tablet or other mobile devices during the lesson (except for the cases provided by the curriculum and methodical recommendations of the teacher); copying and plagiarism; untimely performance of the task, the presence of unsatisfactory assessments and more submitted theoretical and practical material.</p>	
8. Recommended literature	

Basza:	<ol style="list-style-type: none"> 1. "Ophthalmology" tutorial. Edited by GD Zaboyedova, R.L. Skrypnyk, k.: Medicine, 2011.- 378C. 2. Therapeutic ophthalmology. Ophthalmology manual. Edited by GD Zaboyova, Kireev V.V.: "Health", 2013.- 343C. 3. Detting ophthalmology. D. Teilor, K.Hut. Transfer from English. Moscow Glad, 2002.- 247 p. 4. Ophthalmology. Vilgelma Happe. Transfer from Nemetsky. Moscow: Medpress-Inform, 2004.- 352C. 5. Glasnia pain: teaching / ed editor. Kopayev V.G. M.: "Medicine", 2002.-560C.
Auxiliary:	<ol style="list-style-type: none"> 6. Glasnian pain and injuries E. E.Somov "SPB", 2002 - 236 p. 7. Clinical ophthalmology / ed editor. Jack J.Kaschi translated with English. Moscow Izdu "Logosphere", 2006.- 733 p. 8. Wils Clinic. Diagnosis and treatment of eye diseases. Edited by Douglas Calloma and Benjamin Chang. Medicine in the world. - 1999 R.- 497. 9. "Ophthalmology" - Alekseev VN, Egorov E.A., Astakhov Yu.S., Stavitskaya T.V. Moscow: "Medicine", 2014.-243s. 10.Morozov V.Y., Yakovlev AA. Pharmacotherapy of Glasn Bolesney. Areacher M-, 2003. 11. Danilichev B.I. "Moving Ophthalmology" - M.2003. 12. Copayeva al. "Anatomy Body Dream" - M. 2004. 13. Moelova S.A. "Basics of ophthalmology. /C.A. Moving -m.; Med.Kn.; -The -Novgorod: B3BB B HGMA-2001.

Senior lecturer of the department

